

Abstract

An improved drawer interlocking mechanism mainly has a number of curved holes at equal angle along the peripheral of an axle hole in the base. There are flexible and moveable sticking tabs along the peripheral of an axle cam, which is allowed to freely rotate when it is installed into the axle hole of a base. After the axle cam rotates by an angle, the tab matches and locks into a curved hole for positioning. Two sets of brakes have symmetrical matching stoppers on two opposite sides, so the brakes can be placed into any slot of the base and a guide groove can be placed on the axle line corresponding to convex point. The groove surface has a stop to block the convex point, so the brake can slide and lead the direction with position limiting function. Thus, this can prevent the brake from dropping out of the slot.